



The U.S. Consulate in Ciudad Juárez, Mexico, is requesting quotes for the purchase and installation of (1) Chiller package and (3) fan coil units and the necessary accessories as per specifications below. Please send your quote to MaciasG@state.gov no later than September 11th, 2016 at 4:00 pm MT. Your quote must be sent in Excel format.

U.S. vendors must have a DUNS number and SAM account active. Mexican vendors quoting in U.S. Dollars must possess a U.S. Dollar account in Mexico. If you do not have such an account, your quote must be submitted in Mexican Pesos. Any questions regarding this RFQ can be directed to the email address quoted above.

Fan Coil Units and Chiller Package Installation Scope of Work

SUMMARY

U.S. Consulate Ciudad Juárez requests quotes for the purchase and installation of (1) Chiller package and (3) fan coil units and the necessary accessories to have a functional system. Services to be performed include transport and logistics of the equipment, installation and initial testing. Materials should be procured and services should be performed in accordance with the below specifications.

DESCRIPTION

U.S. Consulate Ciudad Juárez seeks Chiller package and Fan Coils Units that meet the following specifications.

- Chiller:
 - Microprocessor controlled, air-cooled liquid chiller for outdoor installation, utilizing scroll compressors, low sound fans, electronic expansion valve, hydronic pump system (60 Hz only), and fluid storage tank.
 - Air cooled, 10 tons, 480 v, 3 phases, 60 Hz
 - Refrigeration HFC-410a or HFC-134a
 - Hot gas bypass, if possible.
 - Water flow switch
 - Insulation, comply with ASTM C 534
 - LON talk board to communicate to existing BAS (Niagara) or BACnet comm.
 - Display and self-contain controller for status, diagnostics, alarms, etc.
 - Low sound compressor
 - ASHRAE 90.1 Compliant

- **The hallways and elevators leading to this space do not allow for equipment that is greater than 80"x45". The equipment should be this size or smaller to allow for it to access the space.**
- Fan & Coil
 - Magic Aire CE Series or equivalent
 - Horizontal Direct Drive Unit, 2-pipe, Cool Coil only
 - With painted finish cabinet
 - 120v, 1 phase, 60 Hz
 - (2) 2.0 Nominal Tons – 800 CFM
 - (1) 3.0 Nominal Tons – 1200 CFM
 - 24V Fan control
 - Bottom return only
 - Galvanized pan
- Pump
 - 480v, 3 phases, 60 Hz, High Efficiency
 - Sufficient to handle the complete 10 Tons chilled water, in case of future usage.
 - Included at Chiller skid.
- Controls
 - All equipment necessities to be monitored by the BAS.
 - Thermostat/Temperature sensor to communicate directly with the chiller.
- Test
 - Conduct functional test in all equipment.
 - Conduct Functional test of all components system.
 - Report conditions
- Product warranty against defects in both materials and installation

QUALITY ASSURANCE

- A. Unit shall be rated in accordance with AHRI (Air-Conditioning, Heating and Refrigeration Institute) Standard 550/590, latest edition (U.S.A.) and all units shall be ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers) 90.1 compliant.
- B. Unit construction shall comply with ASHRAE 15 Safety Code, UL (Underwriters Laboratories) latest edition, and ASME (American Society of Mechanical Engineers) applicable codes (U.S.A. codes).
- C. Unit shall be manufactured in a facility registered to ISO (International Organization for Standardization) 9001 Manufacturing Quality Standard.
- D. Unit shall be full load run tested at the factory.

The rooms where the Fan Coil Units will be installed are 114, 154 and 128, as indicated on Drawing "A"

The bidder shall provide lead time for ordering and an anticipated length of time for installation.

The bidder will provide all materials, equipment, labor, transportation and shipping necessary to complete the work. Work will be coordinated with the Facility Manager of the U.S. Consulate

The U.S. Government cannot remit payment for services not yet performed. If the bidder needs partial payment upfront they should include the labor and materials separate on the bid so that the equipment can be purchased first and then labor paid for upon completion of the work.

The U.S. Consulate Ciudad Juárez will be responsible for ensuring that there is a level and clean surface prepared for the installation.

Those bidders in the U.S. can ship the products to El Paso, TX and the Consulate will take care of the importation of the products. Those bidders in Mexico should plan on shipping the items directly to the Consulate or to their facilities which shall include the importation of the products